

Kashan Khan

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Education

Rowan College of Burlington County

AS in Computer Science
May 2023|Mount Laurel, NJ

Rowan University

BS in Computer Science
May 2025|Glassboro, NJ

Coursework

AS in Computer Science

- INTRO SCIENTIFIC PROGRAMMING
- INTRO OBJ-ORIENTED PROGRAMMING
- OBJ-ORIENT PRGRM/DATA ABSTR
- DATA STRUCTURE/ALGORITHM
- COMPUTER ORGANIZATION

BS in Computer Science

- COMPUTER LAB TECHNIQUE
- ETHICS IN COMPUTER SCIENCE
- FOUNDATIONS COMP SCI
- CYBER SEC: FUND, PRIN AND APPS
- DES-ANLYS ALGORITHMS
- TECHNICAL WRITING
- DATABASE SYS:THEORY & PROGM
- PROGRAMMING LANGUAGES
- OPERATING SYSTEMS
- DATA WAREHOUSING
- SOFTWARE ENGINEERING
- COMPUTER ANIMATIONS
- DATA COMMUNICATIONS & NETWORKING
- Probability and Statistical Inference for Computing Systems

Skills

Programming

Python•React•Java

SQL•JavaScript•Rust•C

Languages

English•Urdu

Objective

- Seeking a software engineering role where I can apply my knowledge, passion for coding, and problem-solving skills to contribute to meaningful projects, grow within a collaborative team, and continue developing my technical expertise in a professional environment.

Projects

Samurai Platform Game - 2D Action Platformer

Solo Developer and Designer|September 2024 - October 2024

Link: <https://github.com/khanka786/2d-Samurai-Platform-Game>

- Developed a 2D platformer in Python using Pygame with samurai-themed visuals.
- Implemented smooth movement, jumping, collisions, and animation handling.
- Playtested and refined mechanics for balanced, responsive gameplay.
- Demonstrates full-cycle game dev using open-source tools and low-level graphics.

CLI Application - File Management Utility

Solo Developer|November 2024 - December 2024

Link: https://github.com/khanka786/cli_app

- Built a Rust-based command-line tool for file creation, reading, editing, and deletion.
- Used Rust's standard library for efficient, safe file I/O operations.
- Implemented robust error handling and clean user feedback.
- Demonstrates practical CLI development and systems-level programming in Rust.

OMM Study Platform - Osteopathic Manipulative Medicine Review Website

Product Owner & Full-Stack Developer|January 2025 - May 2025

Link: Private Project

- Defined and prioritized features for a study tool supporting OMM board exam preparation.
- Built a full-stack web app using Flask (Python), MySQL, and Jinja templating.
- Implemented user roles (student, faculty, admin) with secure login and role-based access.
- Enabled dynamic test generation by tags (e.g., HVLA, Counterstrain) and automated scoring.
- Integrated performance analytics to provide feedback on test results by category.

Wordle-Style Game - 5-Letter Word Guessing Game

Solo Developer | April 2025 - April 2025

Link: <https://github.com/khanka786/Wordle-Style-Game>

- Built a Wordle-style 5-letter word guessing game using React and JavaScript
- Implemented tile feedback system (green/yellow/gray) with real-time input handling
- Designed a restartable game flow with dynamic word logic and visual tile grid
- Managed game state using React hooks and modular component structure